

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2017 Levee Inspection Results

Sacramento Maintenance Yard Sacramento Bypass

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2017 Levee Inspection Results

Sacramento Maintenance Yard Sacramento Bypass

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento Bypass or North Levee			Right	1.74
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/18/2017 - 4/18/2017			
DWR Inspector	Zach Jojola			
Accompanied By	Casey Lund			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Sacramento Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento Bypass or North Levee	Right	1.74	04/18/2017 04/18/2017	Zach Jojola

LM Start		Rating **	A	Issue No.	3
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals				
DWR ID	DWR_ST0008_01_s _ 2013_3				
Comment Code					
Inspector Comment					
The Sacramento Maintenance Yard has the O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	4
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment				
DWR ID	DWR_ST0008_01_s _ 2013_4				
Comment Code					
Inspector Comment					
The Sacramento Maintenance Yard maintains a stockpile of flood response material.					

No Photos

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training				
DWR ID	DWR_ST0008_01_s _ 2013_5				
Comment Code					
Inspector Comment					
The Sacramento Yard has a written response plan and regular flood fight training.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Sacramento Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento Bypass or North Levee	Right	1.74	04/18/2017 04/18/2017	Zach Jojola

LM Start	0.05	Rating **	U	Issue No.	9
LM End	1.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.606917 °	38.599516 °
				-121.560718 °	-121.590145 °
DWR ID	DWR_ST0008_01_s_2017_9				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2017_ST0008_284_9_20170419_00014.jpg



Tall grass on the landside slope, blocking visibility. Spring 2017.

LM Start	0.08	Rating **	M	Issue No.	6
LM End	0.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.606622 °	38.606622 °
				-121.561266 °	-121.561266 °
DWR ID	DWR_ST0008_01_f_2016_6				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2017_ST0008_284_6_20170320_00001.jpg



Slope stability issue caused by vehicles. Fall 2016.

LM Start	0.41	Rating **	U	Issue No.	11
LM End	1.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.605003 °	38.599516 °
				-121.566835 °	-121.590145 °
DWR ID	DWR_ST0008_01_s_2017_11				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2017_ST0008_284_11_20170419_00015.jpg



Tall grass on waterside slope, blocking visibility. Spring 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Sacramento Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento Bypass or North Levee	Right	1.74	04/18/2017 04/18/2017	Zach Jojola

LM Start	0.94	Rating **	A/W	Issue No.	10
LM End	0.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.602763 °	38.602763 °
				-121.576288 °	-121.576288 °
DWR ID	DWR_ST0008_01_f_2015_10				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

LM Start	0.94	Rating **	A/W	Issue No.	10 (cont)
LM End	0.94	Issue Type +	Ma	Location *	LS

Photo 1 of 2 : SP_2017_ST0008_284_10_20170320_00003.jpg



An updated view of the rodent holes on LS slope. Fall 2016.

Photo 2 of 2 : SP_2017_ST0008_284_10_20170320_00004.jpg



View of the rodent holes on the landward side of the levee looking upstream. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Sacramento Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento Bypass or North Levee	Right	1.74	04/18/2017 04/18/2017	Zach Jojola

LM Start	1.09	Rating **	A/W	Issue No.	16
LM End	1.09	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.602169°	38.602169°
				-121.579000°	-121.579000°
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:44787					
DS_ID:19076					
EP_NO: N/A					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments: A concrete saddle found on slough/drainage. No pump was found on LS and no structure/pipe found on WS.					
FIELD_STRUCT_DESC: An abandoned grouted 36-inch CM pipe.					
Remaing of concrete structure found on LS.O&M Manual Sac 122.1, August 1955, Revision Year 2011.					
FS Date: 4/28/2015 2:44:05 PM					

LM Start	1.09	Rating **	A/W	Issue No.	16 (cont)
LM End	1.09	Issue Type +	Ma	Location *	LS

Photo 1 of 3 : UCIP_SP_2017_44787_20605.jpg



Landside view: overview

Photo 2 of 3 : UCIP_SP_2017_44787_20604.jpg



Landside view: remaining of concrete structure

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Sacramento Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento Bypass or North Levee	Right	1.74	04/18/2017 04/18/2017	Zach Jojola

LM Start	1.09	Rating **	A/W	Issue No.	16 (cont)
LM End	1.09	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.602169 °	38.602169 °
				-121.579000 °	-121.579000 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:44787					
DS_ID:19076					
EP_NO: N/A					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments: A concrete saddle found on slough/drainage. No pump was found on LS and no structure/pipe found on WS.					
FIELD_STRUCT_DESC: An abandoned grouted 36-inch CM pipe.					
Remaing of concrete structure found on LS.O&M Manual Sac 122.1, August 1955, Revision Year 2011.					
FS Date: 4/28/2015 2:44:05 PM					

Photo 3 of 3 : UCIP_SP_2017_44787_20606.jpg



Landside view: remaining of concrete structure on drainage/slough

LM Start	1.10	Rating **	M	Issue No.	17
LM End	1.10	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.602180 °	38.602180 °
				-121.579130 °	-121.579130 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:44783 DS_ID:19066 EP_NO: 13616 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: After more investigation depressions are from water run off. erosion repair needed FIELD_STRUCT_DESC: 1 of 2. A agriculture drainage pumping system with 24-inch and 20-inch steel discharge pipelines through the north levee of the Sacramento Bypass. The pipe is 6.33 ft below the crown and a siphon breaker on the WS. Vertical GI pipe trash rack on inlet structure. Application no. 13616, 1995 (revised). FS Date: 4/28/2015 2:43:01 PM					

Photo 1 of 3 : UCIP_SP_2017_44783_20611.jpg



Landside view: pumping plant overview

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Sacramento Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento Bypass or North Levee	Right	1.74	04/18/2017 04/18/2017	Zach Jojola

LM Start	1.10	Rating **	M	Issue No.	17 (cont)	
LM End	1.10	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.602180 °		38.602180 °
				-121.579130 °		-121.579130 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:44783 DS_ID:19066 EP_NO: 13616 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: After more investigation depressions are from water run off. erosion repair needed FIELD_STRUCT_DESC: 1 of 2. A agriculture drainage pumping system with 24-inch and 20-inch steel discharge pipelines through the north levee of the Sacramento Bypass. The pipe is 6.33 ft below the crown and a siphon breaker on the WS. Vertical GI pipe trash rack on inlet structure. Application no. 13616, 1995 (revised). FS Date: 4/28/2015 2:43:01 PM						

Photo 2 of 3 : UCIP_SP_2017_44783_20609.jpg



Landside view: vertical GI pipes in inlet structure.

LM Start	1.10	Rating **	M	Issue No.	17 (cont)
LM End	1.10	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP_SP_2017_44783_20608.jpg



Landside view: walkway to the pump house.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Sacramento Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento Bypass or North Levee	Right	1.74	04/18/2017 04/18/2017	Zach Jojola

LM Start	1.10	Rating **	C	Issue No.	7
LM End	1.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.602113 °	38.602113 °
				-121.579128 °	-121.579128 °
DWR ID	DWR_ST0008_01_f_2016_7				
Comment Code					
DE : Debris					
Inspector Comment					

No Photos

LM Start	1.10	Rating **	M	Issue No.	18
LM End	1.10	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.602128 °	38.602128 °
				-121.579150 °	-121.579150 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:44784 DS_ID:19079 EP_NO: 13616 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Horizontal Air vent on waterside slope. Green vegetation and depressions also found on waterside slope. FIELD_STRUCT_DESC: 2 of 2. A agricultural drainage pumping system with 24-inch and 20-inch steel discharge pipelines through the north levee of the Sacramento Bypass. The pipe is 6.33 ft below the crown and a siphon breaker on the WS. Vertical GI pipe trash rack on inlet structure. Application no. 13616, 1995 (revised). FS Date: 4/28/2015 2:43:26 PM					

Photo 1 of 3 : UCIP_SP_2017_44784_20619.jpg



Landside view: overview of pumping plant

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Sacramento Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento Bypass or North Levee	Right	1.74	04/18/2017 04/18/2017	Zach Jojola

LM Start	1.10	Rating **	M	Issue No.	18 (cont)	
LM End	1.10	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.602128 °	38.602128 °	
				-121.579150 °	-121.579150 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:44784 DS_ID:19079 EP_NO: 13616 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Horizontal Air vent on waterside slope. Green vegetation and depressions also found on waterside slope. FIELD_STRUCT_DESC: 2 of 2. A agricultural drainage pumping system with 24-inch and 20-inch steel discharge pipelines through the north levee of the Sacramento Bypass. The pipe is 6.33 ft below the crown and a siphon breaker on the WS. Vertical GI pipe trash rack on inlet structure. Application no. 13616, 1995 (revised). FS Date: 4/28/2015 2:43:26 PM						

LM Start	1.10	Rating **	M	Issue No.	18 (cont)
LM End	1.10	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_44784_20618.jpg



Landside view: walkway to the pumping plant

Photo 3 of 3 : UCIP_SP_2017_44784_20617.jpg



Landside view: vertical GI pipe trash rack in inlet structure.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Sacramento Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento Bypass or North Levee	Right	1.74	04/18/2017 04/18/2017	Zach Jojola

LM Start	1.22	Rating **	M	Issue No.	12
LM End	1.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.601606 °	38.601606 °
				-121.581240 °	-121.581240 °
DWR ID	DWR_ST0008_01_s_2017_12				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Large sloughing site on waterside levee slope and crown.					

Photo 1 of 1 : SP_2017_ST0008_284_12_20170419_00016.jpg



View of sloughing on waterside levee slope and crown. Spring 2017.

LM Start	1.28	Rating **	M	Issue No.	13
LM End	1.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.601325 °	38.601325 °
				-121.582177 °	-121.582177 °
DWR ID	DWR_ST0008_01_s_2017_13				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Sloughing on landside levee slope.					

Photo 1 of 1 : SP_2017_ST0008_284_13_20170419_00017.jpg



View of sloughing on landside levee slope. Spring 2017.

LM Start	1.29	Rating **	M	Issue No.	14
LM End	1.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.601246°	38.601246°
				-121.582469°	-121.582469°
DWR ID	DWR_ST0008_01_s_2017_14				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Runoff erosion on waterside levee slope next to siphon breakers.					

Photo 1 of 1 : SP_2017_ST0008_284_14_20170419_00018.jpg



View of erosion on waterside levee slope. Spring 2017.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Sacramento Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento Bypass or North Levee	Right	1.74	04/18/2017 04/18/2017	Zach Jojola

LM Start	1.74	Rating **	M	Issue No.	15
LM End	1.74	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.599546°	38.599546°
				-121.590235°	-121.590235°
DWR ID	DWR_ST0008_01_s_2017_15				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Runoff erosion on waterside levee slope.					

Photo 1 of 1 : SP_2017_ST0008_284_15_20170419_00019.jpg



View of erosion on waterside slope. Spring 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2017 Levee Inspection Results

Sacramento Maintenance Yard Sacramento Bypass

Waterway			Bank	Unit Miles
Unit No. 02 Sacramento Bypass or South Levee			Left	1.79
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/18/2017 - 4/18/2017			
DWR Inspector	Zach Jojola			
Accompanied By	Casey Lund			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

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The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Sacramento Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento Bypass or South Levee	Left	1.79	04/18/2017 04/18/2017	Zach Jojola

LM Start	0.03	Rating **	A/W	Issue No.	2
LM End	0.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.602613 °	38.602613 °
				-121.556021 °	-121.556021 °
DWR ID	DWR_ST0008_02_s _ 2016_2				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2017_ST0008_285_2_20170320_00001.jpg



View of rodent holes on LS slope of the levee near entry gate. Fall 2016..

LM Start	0.03	Rating **	U	Issue No.	1
LM End	1.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.602607 °	38.594797 °
				-121.556077 °	-121.586479 °
DWR ID	DWR_ST0008_02_s _ 2017_1				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2017_ST0008_285_1_20170419_00007.jpg



Tall grass on landside levee slope, blocking visibility. Spring 2017.

LM Start	0.51	Rating **	U	Issue No.	3
LM End	1.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.600333 °	38.597757 °
				-121.564416 °	-121.575579 °
DWR ID	DWR_ST0008_02_s _ 2017_3				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2017_ST0008_285_3_20170419_00008.jpg



Tall grass on waterside levee slope, blocking visibility. Spring 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Sacramento Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento Bypass or South Levee	Left	1.79	04/18/2017 04/18/2017	Zach Jojola

LM Start	1.24	Rating **	U	Issue No.	4
LM End	1.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.597328 °	38.594797 °
				-121.577406 °	-121.586479 °
DWR ID	DWR_ST0008_02_s_2017_4				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2017_ST0008_285_4_20170424_00011.jpg



Tall grass on waterside levee slope, blocking visibility. Spring 2017.

LM Start	1.36	Rating **	M	Issue No.	6
LM End	1.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.596772 °	38.596772 °
				-121.579336 °	-121.579336 °
DWR ID	DWR_ST0008_02_s_2017_6				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
100' slough section on waterside levee slope.					

Photo 1 of 1 : SP_2017_ST0008_285_6_20170419_00009.jpg



View of sloughing on waterside levee slope. LMA placed visqueen on slope to prevent further damage from occurring. Spring 2017.

LM Start	1.77	Rating **	M	Issue No.	8
LM End	1.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.594710 °	38.594710 °
				-121.586582 °	-121.586582 °
DWR ID	DWR_ST0008_02_s_2017_8				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : SP_2017_ST0008_285_8_20170419_00010.jpg



View of erosion on waterside levee slope. Spring 2017.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Sacramento Maintenance Yard Sacramento Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento Bypass or South Levee	Left	1.79	04/18/2017 04/18/2017	Zach Jojola

LM Start	1.78	Rating **	M	Issue No.	5
LM End	1.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.594702 °	38.594702 °
				-121.586604 °	-121.586604 °
DWR ID	DWR_ST0008_02_s_2016_5				
Comment Code					
PR : Prunings					
Inspector Comment					
This is a seasonal pile but gets burned by the LMA each year.					

LM Start	1.78	Rating **	M	Issue No.	5 (cont)
LM End	1.78	Issue Type +	Ma	Location *	LS

Photo 1 of 2 : SP_2017_ST0008_285_5_20170320_00002.jpg



More debris was added to the pile since the time of last inspection. Fall 2016.

Photo 2 of 2 : SP_2017_ST0008_285_5_20170320_00003.jpg



View of the firewood on the landward side of the levee looking upstream. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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